

REMARKS

The above amendments to the above-captioned application along with the following remarks are being submitted as a full and complete response to the Office Action dated February 6, 2007. In view of the above amendments and the following remarks, the Examiner is respectfully requested to give due reconsideration to this application, to indicate the allowability of the claims, and to pass this case to issue.

Status of the Claims

As outlined above, claims 1-7 and 11-20 stand for consideration in this application. Claims 8-10 are being cancelled without prejudice or disclaimer. Claims 13-15 are being amended to more particularly point out and distinctly claim the subject invention. Applicant hereby submits that no new matter is being introduced into the application through the submission of this response.

All the amendments to the claims and the specification are supported by the specification. Applicants hereby submit that no new matter is being introduced into the application through the submission of this response.

Formality Rejection

Claim 14 was rejected under 35 U.S.C. §112, second paragraph, as being indefinite. As indicated, claim 14 is being amended to depend from claim 11 which recites "variable gain amplifiers" thus providing an antecedent basis for the term in claim 14. Accordingly, the withdrawal of the outstanding informality rejection is in order, and is therefore respectfully solicited.

Allowed Subject Matter

Claims 1-7, 11-12 and 16-20 were allowed.

Prior Art Rejections

Claim 8 was rejected under 35 U.S.C. §102(b) as being anticipated by Raghavan et al. (US 2003/0102911), claim 9 was rejected under 35 U.S.C. §103 (a) as being unpatentable over Raghavan '911 in view of Linuma et al. (US 5,175,514), and claims 10, 13 and 15 were rejected over Suzuki et al. (US 6,079,035) in view of Goldrain (US 5,742,798).

Since claims 8-10 are being cancelled without prejudice or disclaimer, and claims 13 and 15 are being amended to depend from the allowed claim 11, the rejections thus become moot.

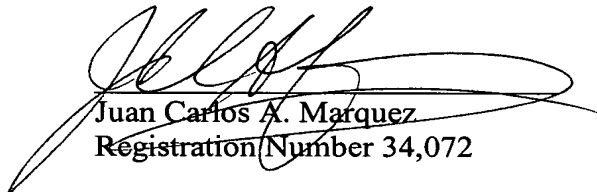
Conclusion

In view of all the above, Applicant respectfully submits that certain clear and distinct differences as discussed exist between the present invention as now claimed and the prior art references upon which the rejections in the Office Action rely. These differences are more than sufficient that the present invention as now claimed would not have been anticipated nor rendered obvious given the prior art. Rather, the present invention as a whole is distinguishable, and thereby allowable over the prior art.

Favorable reconsideration of this application as amended is respectfully solicited. Should there be any outstanding issues requiring discussion that would further the prosecution and allowance of the above-captioned application, the Examiner is invited to contact the Applicant's undersigned representative at the address and phone number indicated below.

Respectfully submitted,

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